Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim Record Code: P21

Reinsurance Year: 2011 Version: Draft Release Date: 8/4/2011

Insurance Plan Code 01 Yield Protection

	0011 Wheat	0018 Rice			0041 Corn		0078 SunFlowers
Commodity Code	0015 Canola	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
			,			T	0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
Section 1: Stage Guarante	e Calculation		1			ı	
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent		Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	Common Crop Insurance Policy 'production guarantee (per acre)'.
		Approved Yield	P11	46	99999999.99	None	
		Coverage Level Percent	P14	34	9.9999	None	
Cottonseed Endorsement (Option "SE":	Modified Yield	Internal		99999999.99	Round to whole number.	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton P11 record.
Modified Yield	= Approved Yield * Option Conversion Factor	Approved Yield	P11	46	99999999.99	None	
		Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
Guarantee Per Acre1	= Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Round to whole number.	
		Coverage Level Percent	P14	34	9.9999	None	
Acre Guarantee Per Acre2 Quantity	= Guarantee Per Acre <mark>1</mark> * Guarantee Adjustment Factor	Acre Guarantee Per Acre2 Quantity	P11- Internal	101	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
		Guarantee Adjustment Factor	P11	41	0.999	None	Guarantee Adjustment Factor would be for any initially late planted acres.

Page 1 of 9 8/3/2011

Exhibit Number: P21-1, Plan 01
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2011 Version: Draft Release Date: 8/4/2011

 Insurance Plan Code
 01 Yield Protection

 Commodity Code
 0011 Wheat
 0018 Rice
 0041 Corn
 0078 SunFlowers

 Commodity Code
 0015 Canola
 0021 Cotton
 0051 Grain Sorghum
 0081 Soybeans

0091 Barley							
	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>		
<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	<u>Rounding</u>	<u>Rules</u>	
	Price Election Amount	Internal		9999.999	When Commodity Code- equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent- [\$9.99].		
Price Election Amount = Projected Price * Price Election Percent					When Commodity Code- equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth- cent [\$9.999].		
Price Election Amount - Projected Price Price Election Percent	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Pricemay be used in Lieu of the Projected Price for specialty types of Soybeans or Barleys. If the insured chooses to use the contract price, the contract price per bushel should be entered in the contract price field. The contracted price will be capped by RMA at a centain percentage over the projected price for Soybeans and Barley as specified in the Special Provisions.	
	Price Election Percent	ICE		9.9999	None	Edit with ICE Price Election Percent, "D00007".	
Acre Stage Guarantee = Acre Guarantee Per Acre2 Quantity * Price Election	Acre Stage Guarantee Amount	P21 Internal	47	99999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarantee Amount	
Amount Amount	Price Election Amount	Internal P11	49	9999.9999	see section 1	Common Crop Insurance Policy 'yield protecton guarantee (per acre)'.	
Section 2: Loss Guarantee Calculation							
Acre Stage Guarantee Amount Guarantee Per Acre2 * Loss Guarantee Amount = Price Election Amount * Determined Acreage * Liability	Loss Guarantee Amount	P21	46	99999999.99	Round to whole number- nearest dollar and cents.		
Adjustment Factor	Determined Acreage	P21	17	99999999.99	None		
·,···	Liability Adjustment Factor	P21	38	9.999999	None		

8/3/2011 Page 2 of 9

Exhibit Number: P21-1, Plan 01
Record Name: Acreage Claim

Reinsurance Year: 2011

Version: Draft

Release Date: 8/4/2011

Release Date: 8/4/2011 Record Code: P21 **Insurance Plan Code** 01 Yield Protection 0011 Wheat 0018 Rice 0041 Corn 0078 SunFlowers 0051 Grain Sorghum **Commodity Code** 0015 Canola 0021 Cotton 0081 Soybeans 0091 Barley <u>Field</u> Field <u>Field</u> Record <u>Field</u> Calculations Number Number Rounding **Name Format** Rules Section 3: Indemnity Calculation Revenue Conversion Production Round to whole number 49 9999999.99 to Count P21 nearest dollar and cents. Revenue Conversion = Production to Count Quantity * Price Election Amount Production to Count Quantity P21 34 99999999.99 None Interna Price Election Amount 49 9999.9999 see Section 1 Price Election Amount calculated in Section 1 P11 Round to whole number Unit Deficiency Quantity = Loss Guarantee Amount – Revenue Conversion Production to Count \$9999999.99 Unit Deficiency Quantity P21 45 nearest dollar and cents. Production to Count Quantity P21 37 99999999999 None Round to whole number. Preliminary Indemnity Amount P21 49 S999999999 P11 Insured Share Percent 47 9.999 None P21 S999999999 Indemnity Amount 50 Round to whole number. Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity
Adjustment Factor Multiple Commodity Adjustment ICE 9999.999 Edit with ICE Multiple Cropping, "D00063". Factor Total Indemnity ∑ Indemnity Amount for the Unit Total Indemnity Internal S999999999 Round to whole number. Replant Payment for Yield Protection, "01" Section 4: Replant Payment Stage Guarantee Calculation When Stage Code equals Replanted, "R", Replanted Seed, "RS", Replanted Transplant, "RT" When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure Common Crop Insurance Policy 'production 99999999.99 Guarantee Per Acre1 Internal equals Tons, "Tons", then guarantee (per acre)'. Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Round to 2 decimals. Otherwise, Round to 1 decimal. Approved Yield P11 46 99999999.99 None Coverage Level Percent P14 34 9.9999 None

8/3/2011 Page 3 of 9

Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim Record Code: P21 Reinsurance Year: 2011 Version: Draft Release Date: 8/4/2011

<u>Insurance Plan Code</u> 01 Yield Protection

0011 Wheat Commodity Code 0015 Canola

 0018 Rice
 0041 Corn
 0078 SunFlowers

 0021 Cotton
 0051 Grain Sorghum
 0081 Soybeans

Commodity Code 0015 Canola	0021 Cotton					
<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	0091 Barley Rules
Acre Guarantee Per Acre2 Quantity = Guarantee per Acre1 * Guarantee Adjustment Factor	Acre Guarantee Per Acre2 Quantity	Internal	101	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	Guarantee Adjustment Factor would be for any initially late planted acres.
Price Election Amount = Projected Price * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code- equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99]. When Commodity Code- equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth- cent [\$9.999].	
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price may be used in Lieu of the Projected Price for specialty types of Soybeans or Barleys. If the insured chooses to use the contract price, the contract price per bushel should be entered in the contract price field. The contracted price will be capped by RMA at a centain percentage over the projected price for Soybeans and Barley as specified in the Special Provisions.
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00.

8/3/2011 Page 4 of 9

Exhibit Number: P21-1, Plan 01 **Record Name:** Acreage Claim

Reinsurance Year: 2011 Version: Draft Release Date: 8/4/201

Record Code: P21 Release Date: 8/4/2011

Insurance Plan Code 01 Yield Protection

	0011 Wheat	0018 Rice			0041 Corn		0078 SunFlowers	
Commodity Code	0015 Canola	0021 Cotton			0051 Grain Sorg	0081 Soybeans		
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>		
	Calculations	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>	
	Acre Stage Guarantee Amount Lesser of: (20% of Acre Guarantee Per Acre2 Quantity) OR (Maximum Replant Stage Guarantee Per Acre) * Price Election Amount	Acre Stage Guarantee Amount	P21 Internal	47	999999999.99	Round to 1 decimal nearest dollar and cents.	Not used in determination of Loss Guarantee Amount	
_ =		Price Election Amount	P11	49	99999.9999	None	Price Election Percent must equal 1.00 when- Insurance Plan Code is Yield Protection, "01" or Revenue Protection, "02".	
		Maximum Replant Stage- Guarantee Per Acre	ICE				Edit with SPOI ICE "D00 201 129".	
Section 5: Replant Payment	Loss Guarantee Calculation							
Loss Guarantee Amount =	Guarantee Per Acre?) or Maximum Renlant Guarantee	Loss Guarantee Amount	P21	46	99999999.99	Round to whole number nearest dollar and cents.		
Loss Guarantee Amount -	Per Acre) * Price Election Amount * Determined	Determined Acreage	P21	17	99999999.99	None		
	Acreage * Liability Adjustment Factor	Liability Adjustment Factor	P21	38	9.999999	None		
Section 6: Replant Payment Indemnity Calculation								
Preliminary Indemnity Amount = Loss Guarantee Amount * Insured Share Percent	= Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	51	S9999999999	Round to whole number.		
		Insured Share Percent	P11	48	9.999	None		
		Indemnity Amount	P21	52	\$999999999	Round to whole number.		
Indemnity Amount =	Preliminary Indemnity Amount	Multiple Commodity Adjustment- Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".	
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.		

8/3/2011 Page 5 of 9

Exhibit Number: P21-1, Plan 01 **Record Name:** Acreage Claim

Reinsurance Year: 2011 Version: Draft Release Date: 8/4/2011

Record Code: P21

Insurance Plan Code

01 Yield Protection 0011 Wheat 0018 Rice

0041 Corn 0051 Grain Sorghum 0078 SunFlowers

	OOTI WHEat	0018 Rice			0041 C0111		0076 SullFlowers
Commodity Code	0015 Canola	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
							0091 Barley
		Field	Record	Field	Field	Field	
	- 1 - 1 · 1	<u></u>			·	<u> </u>	
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
Prevented Planting Paymer	nt for Yield Protection, "01".						
	ting Payment Stage Guarantee Calculation						
			1				T
When Stage Code equals:	Prevented Planting Option 1, "P1",						
	Prevented Planting Option 2, "P2",						
	Prevented Planting Option 3, Harvested, "H3",						
	Prevented Planting Option 3, Unharvested, "U3",						
	_ ·						
	Prevented Planting Uninsured Loss, "PU",						
	Prevented Planting Add 10 Percent, "PT",						
	Prevented Planting Add 5 Percent, "PF"						
						When Unit of Measure	
						equals Pounds, "LBS", then	
						Round to whole Number.	
						When Unit of Measure	Common Crop Insurance Policy 'production
		Guarantee Per Acre1	Internal		99999999.99		
Guarantee Per Acre1	= Approved Yield * Coverage Level Percent					equals Tons, "Tons", then	guarantee (per acre)'.
Gadrantee Fer Aeres	- Approved Held Coverage Level Fercent					Round to 2 decimals.	
						Otherwise, Round to 1	
						decimal.	
						decimal.	
			P11	46	99999999.99	None	
		Coverage Level Percent	P14	34	9.9999	None	
		COVERAGE ECVERT CICCIIC	1 177	J-T	3.3333	Tronc	Information (Approved Yield and Insured
Cathanana de la constantina della constantina de	Outline Hertly	A 188 138 11	1		000000000	Round to whole number.	
Cottonseed Endorsement C	Uption "SE":	Modified Yield	Internal		99999999.99		Share Percent) will be obtained from Cotton
							P11 record.
Modified Yield	= Approved Yield * Option Conversion Factor	Approved Yield	P11	46	99999999.99	None	
		Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
		Guarantee Per Acre1	Internal		99999999999	Round to whole number.	
Guarantee Per Acre1	= Modified Yield * Coverage Level Percent			2.1			
		Coverage Level Percent	P14	34	9.9999	None	
						When Unit of Measure	
						equals Pounds, "LBS", then	
						Round to whole Number.	
						When Unit of Measure	
			Internal	101	99999999.99		
Guarantee Per Acre?	= Guarantee ner Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	internal			eduals lone "lone" then	
Guarantee Per Acre2	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	IIICIIIdi			equals Tons, "Tons", then	
Guarantee Per Acre2	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal			Round to 2 decimals.	
Guarantee Per Acre2	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	memai				
Guarantee Per Acre2	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	memar				
Guarantee Per Acre2	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	memai			Round to 2 decimals. Otherwise, Round to 1	
Guarantee Per Acre2	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	incernal			Round to 2 decimals.	

8/3/2011 Page 6 of 9

Exhibit Number: P21-1, Plan 01 **Record Name:** Acreage Claim

Reinsurance Year: 2011

Version: Draft

Release Date: 8/4/2011

	Record Code: P21 Release Date: 8/4/2011						
Insurance Plan Code		01 Yield Protection					
Commodity Code	0011 Wheat 0015 Canola	0018 Rice 0021 Cotton			0041 Corn 0051 Grain Sorg		0078 SunFlowers 0081 Soybeans 0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Prevented Planting Acre Stage Guarantee Amount	Production Guarantee Per Acre2 * Projected Price Election Amount * Prevented Planting Guarantee	Prevented Planting Acre Stage Guarantee Amount	P21 Internal	47	999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'yield protecton guarantee (per acre)'. Not used in determination of Loss Guarantee Amount.
Stage Quarantee Amount	Adjustment Factor	Projected-Price Election Amount	P11	49	99999.9999	None	Edit with ADM Price, "00810".
		Guarantee Adjustment Factor	P11	75	0.999	None	
Section 8: Prevented Planti	ng Payment Loss Guarantee Calculation						
Lace Cuprantos Amount	Prevented Planting Acre Stage Guarantee Amount	Loss Guarantee Amount	P21	46	99999999.99	Round to whole number nearest dollar and cents.	
Loss Guarantee Amount :	= Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None	
	Determined Acreage · Liability Adjustment Factor	Liability Adjustment Factor	P21	38	9.999999	None	
Section 9: Prevented Planti	ng Payment Indemnity Calculation						
Preliminary Indemnity	= Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	49	S9999999999	Round to whole number.	
Amount		Insured Share Percent	P11	47	9.999	None	
	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	50	S999999999	Round to whole number.	
Indemnity Amount :	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.	
	iality Endorsement (Options MA and MB) Stage Guarantee Calculation						
		Production Guarantee Per Acre1	Internal		999999999.9	Round to 1 decimal.	
	= {Approved Yield * Coverage Level Percent} * Guarantee Adjustement Factor	Approved Yield	P11	46	999999999999999999999999999999999999999	None	Malting Barley Option A (MA) Lesser of: MA Yield for Malt Barley OR APH Yield for Barley Malting Barley Option B (MB) Lesser of: Contracted Bushels per Acre OR APH Yield for Barley Common Crop Insurance Policy 'producter
		Coverage Level Percent	P14	34	9.9999	None	
		Guarantee Adjustment Factor	P11	75	0.999	None	Guarantee Adjustment Factor would be for- late planted acres.
		Guarantee Per Acre2	Internal	101	99999999.99	Round to 1 decimal.	
Guarantee Per Acre2 :	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Adjustment Factor	P11	75	0.999	None	

8/3/2011 Page 7 of 9

Exhibit Number: P21-1, Plan 01

Reinsurance Year: 2011 Version: Draft

Record Name: Acreage Claim Record Code: P21 Release Date: 8/4/2011 **Insurance Plan Code** 01 Yield Protection 0011 Wheat 0018 Rice 0041 Corn 0078 SunFlowers 0015 Canola 0021 Cotton 0051 Grain Sorghum **Commodity Code** 0081 Soybeans 0091 Barley Field Field Field <u>Field</u> Record Calculations Name Number Number **Format** Rounding Rules Malting Barley - Option A (MA) - (1) The RMA issued Malting Barley Additional Value Price, or (2) Malting Barley price amount (Premium Amount) from a price agreement or a Malting Barley production contract that will be paid in addition to a specified barley futures price, or (3) The rpice per bushel from a price agreement or a malting barley productioncontract for malting barley less the barley Price Election Amount = Additional Value Price 99999,999 Price Election Amount Internal Projected price. The additional value prcie is limited to \$1.25. Malting Barley Option B (MB) (1) Maltingbarley price amount from a malting barleyfutures price, or (2) The price per bushel from a malting barley productino contract for malting barley less the barley Projected Price. The additional value price is limited to \$2.00.

	Malting Barley Acre Stage Guarantee Amount Per - Acre Acre Malting Barley Acre Stage Guarantee Amount Per - Acre	Malting Barley Acre Stage Guarantee Amount Per Acre	P21 Internal	47	999999999.99	Round to dollar and Cents	Common Crop Insurance Policy 'yield protecton guarantee (per acre)'. Not used in determination of Loss Guarantee.
	Acie	Price Election Amount	P11	49	99999.9999	None	
Ī	Section 11: Malting Barley Loss Guarantee Calculation						

Round to whole number Malting Barley Acre Stage Guarantee Amount Per Acre-Loss Guarantee Amount P21 46 9999999.99 nearest dollar and cents. Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount * Determined Acreage P21 17 99999999.99 None Determined Acreage * Liability Adjustment Factor Liability Adjustment Factor 38 P21 9.999999 None

8/3/2011 Page 8 of 9

Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2011 Version: Draft Release Date: 8/4/2011

Insurance Plan Code 01 Yield Protection

> 0011 Wheat 0018 Rice 0015 Canola 0021 Cotton

0041 Corn 0051 Grain Sorghum 0078 SunFlowers 0081 Soybeans

Commodity Code	0015 Canola	0021 Cotton	0051 Grain Sorghum			hum	0081 Soybeans 0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> Format	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Section 12: Malting Barley	Indemnity Calculation						
Revenue Conversion	= Production to Count Quantity * Price Election Amount	Revenue Conversion Production To Count	P21	43	99999999.99	Round to 2 decimals nearest dollar and cents.	
Production To Count	= Production to Count Quantity * Price Election Amount	Production to Count Quantity Price Election Amount	P21 P11	34 49	99999999.99 99999.9999	None None	
Unit Deficiency Quantity	Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	45	S99999999.99	Round to whole number nearest dollar and cents.	
Preliminary Indemnity Amount	= Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	49	S9999999999	Round to whole number.	
Amount		Insured Share Percent	P11	47	9.999	None	
	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	50	S9999999999	Round to whole number	
Indemnity Amount	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.	

Page 9 of 9 8/3/2011